



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:**

KAPLAN Aaron et al.

**Serial No.: 09/887,038**

**Filed: June 25, 2001**

For: **ENHANCING INORGANIC CARBON  
FIXATION BY PHOTOSYNTHETIC  
ORGANISMS.**

Examiner: KUBELIK, ANNE R., Ph.D.

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

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**Group Art Unit: 1638**

Attorney  
Docket: 01/22171

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## RESPONSE

Sir:

**This is in response to the United States Patent and Trademark Office Action mailed May 28, 2002, which response is being made on or before November 28, 2002, and for which a three months extension fee is due and is being submitted herewith. Please amend the above-identified application as follows:**

**In the Specification:**

**Please replace the paragraph beginning on page 23, line 5 with the following rewritten paragraph:**

According to a preferred embodiment of the present invention, the polypeptide includes an N terminal transit peptide fused thereto which serves for directing the polypeptide to a specific membrane. Such a membrane can be, for example, the cell membrane, wherein the polypeptide will serve to transport bicarbonate from the apoplast into the cytoplasm, or, such a